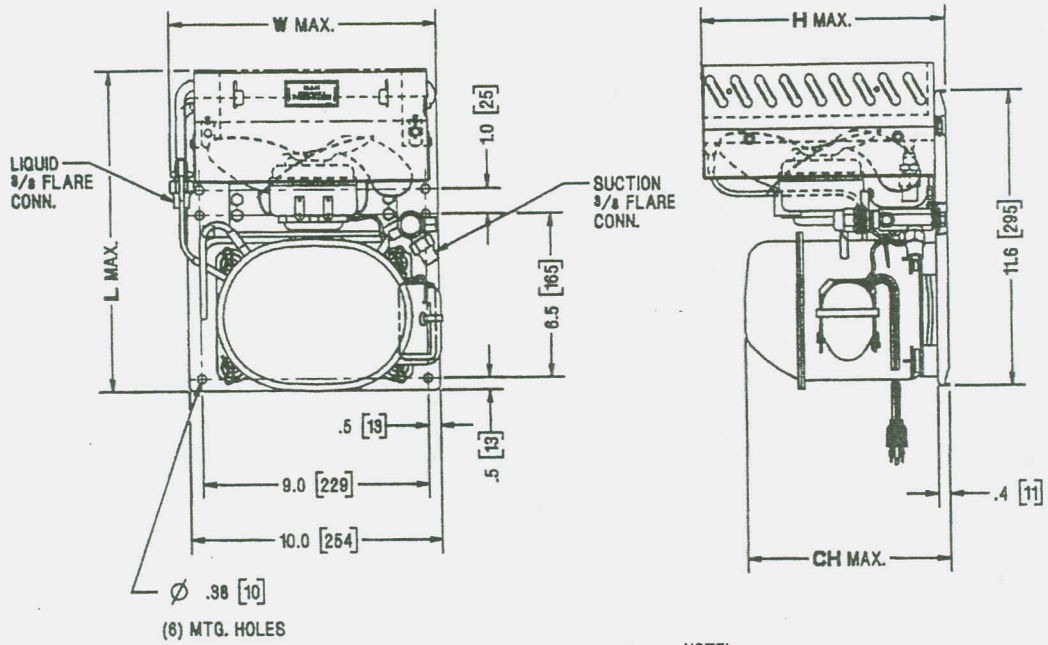
AEA3425YXAXA

January 2001

TECUMSEH HERMETIC CONDENSING UNITS

MODEL AEA3425YXAXA (B/M 2A524-1) R134a 1/5 HP AIR COOLED



NOTE!
DIMENSIONING = INCHES [MILLIMETERS]

POE

Model	Dimensions				*Line Connection		Pumpdown 90 ° F 90% Full	Air CFM	Oil Chg oz.	Gr. Wt. Lbs.
	L	W	H	CH	Suct.	Liq.				
AEA3425YXAXA	12.8	11.3	9.9	8.3	3/8 F	3/8 F	----	235	10	24

*F=Flare, S=Solder, RF or RS= Rotolock Valve with Flare or Solder Connections
Factory charge: 20 psig dry air - **MUST BE EVACUATED** **60 HZ Performance**

Approved Evap. Range		Ambient								
		90° F			100° F			110° F		
°F	PSIG	BTUH	Watts	Head	BTUH	Watts	Head	BTUH	Watts	Head
+20	18.4	1460	310	150	1330	315	170	1200	320	190
25	22.1	1620	330	155	1480	335	175	1340	340	200
30	26.0	1790	350	165	1630	360	180	1480	365	210
35	30.3	1970	370	170	1780	385	190	1620	395	215
40	35.0	2140	395	180	1950	410	200	1770	420	225
45	40.0	2330	420	190	2110	435	210	1920	450	240
50	45.3	2520	450	200	2380	465	220	2080	480	245
55	51.1	2710	475	205	2470	496	230	2240	515	255

65° F return gas temp., 5° F subcooling

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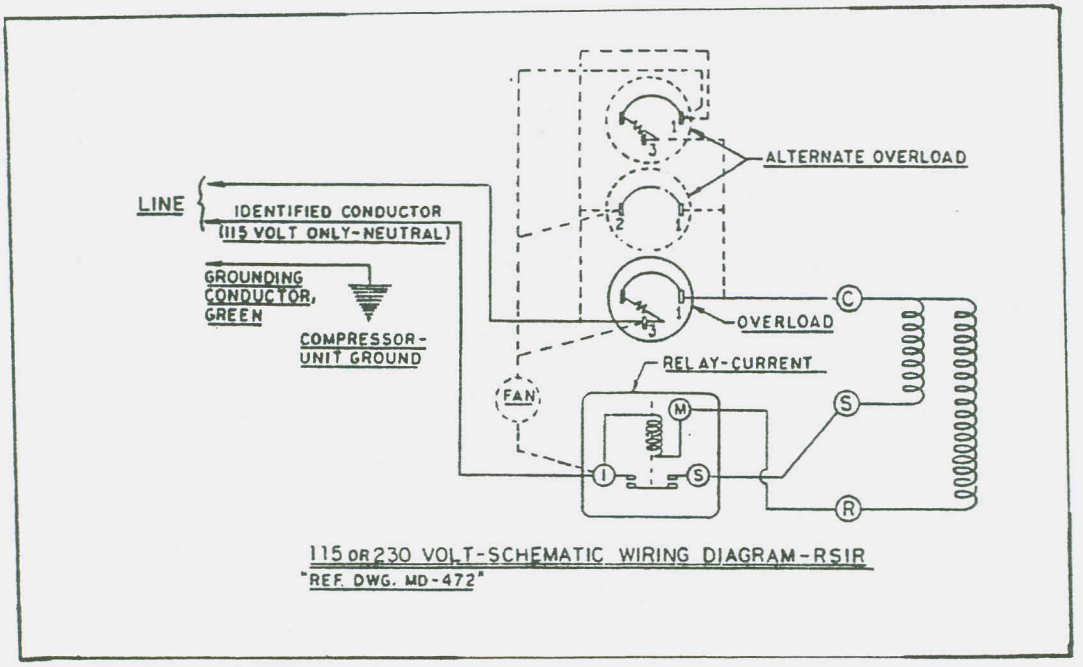
SPECIFICATIONS	AEA3425YXAXA
Nominal Voltage	115-60-1
Unit B/M	2A524-1
Voltage Range	126.5 to 103.5
Min. Circuit Ampacity	6.0
Max. Fuse Size (Amps)	15
Compressor Model	AEA3425YXA
Bill of Material	AE530AT-165
RLA/LRA	4.4/24.0
Fan RLA	.46
ESP Overload	P83458
ESP Relay	P82627
Fan Motor	TFM61
Fan Blade	51567
Fan Motor Brckt.	57145
Condenser	50801-3
Shut Off Valve	56501-8 (3/8")
Condenser Shroud	70735-1
Unit Drawing	SU1896-16
Schematic or Elect. Dwg.	DEAE-1

OEM Overload	83458
OEM Relay	8200EMBE44
OEM Motor	810M006B45



115 OR 230 VOLT-SCHEMATIC WIRING DIAGRAM-RSIR

"REF. DWG. MD-472"